



Long Range Wireless Access Point

The ENH210EXT is a high-powered, long range Wireless Outdoor Enterprise Access Point, delivering data rates up to 300 Mbps. The ENH210EXT features 2 x N-type external connectors with high output power and high sensitivity, which can extend the transmission range to deliver a stable wireless connection.

The ENH210EXT is integrated with 4 operation modes: Access Point, Client Bridge, Client Router and WDS. The ENH210EXT includes an SMA connector and a SMA-N-type converter cable, so it can accommodate antennas with N-type female connectors. Depending on the antenna chosen and the topology and type of the deployment, installers and network administrator can establish network connections up to 2 miles or more in range.

The ENH210EXT is designed to deliver reliable service under harsh outdoor environment, with certified IP67 protection. The ENH210EXT had built-in encryption standards to ensure maximum security and compability.

Key Features

- + Frequency band 802.11b/g/n
- + Designed with IP65 waterproof
- + 2x External N-type Connector, 2x 5 dBi Omni-antenna
- + Can handle up to 100 connecting clients.



Hardware

RF: Atheros AR9283

Memory: 64MB

Flash: 16MB

Antenna

2x External N-type Connector + 2 x 5dBi Omni-Antenna

Physical Interface

1x Gigabit Ethernet Port with PoE support

1x Gigabit Ethernet Port (Both Ethernet Ports support Surge Protection to 6KV)

Power Requirements

Active Ethernet(Power over Ethernet)

802.3af/at support

Power Adapter 48V / 0.375A

Data rate

Up to 300 Mbps

Software

Operation Modes

Access Point / Client Bridge / Client Router / WDS

Wireless/Network

Auto Channel Selection (Setting varies by Regular Domains)

Distance Control (802.1 Ack timeout)

CLI Supported

802.1x Supplicant (CB Mode)

Multiple SSID (8 SSID), BSSID

Traffic Shaping per SSID

WDS AP / WDS Bridge / WDS Station

Multicast Supported

RADIUS Accounting

VLAN Tag / VLAN Pass-through

Auto Reboot

Obey Regulatory Power

Security

WEP Encryption-64/128/152 bit

WPA/WPA2 Personal (WPA-PSK using TKIP or AES)

WPA/WPA2 Enterprise (WPA-EAP using TKIP)

Hide SSID in beacons

MAC address filtering, up to 50 field

Wireless STA (Client) connected list

QoS (Quality of Service)

WMM (Wireless Multimedia)

Environment & Mechanical

Temperature Range

Operating -20°C 70°C

Storage -30°C to 80°C

Humidity (non-condensing)

0% - 90% typical

Package Contents

Wireless Long Range 11N CB/AP (ENH210EXT)

PoE Injector (EPE-48GR)

Power Adapter (48V/0.38A)

2x 5dBi Omni Antenna

1x Grounding Cable

CD with User's Manual

QIG

Mounting Set (Pole & Wall Mount)

Screw set